

FACT SHEET

SUBJECT: Posting of SPod Monitoring Data to EPA's LaPlace, St. John the Baptist Parish, Louisiana Website

DATE: April 29, 2020

CONTACTS: Justin Lannen, ORC, James Leathers, EN

PURPOSE/ACTION NEEDED: Information sharing in advance of public posting

Background: EPA has implemented a new monitoring program around the Denka facility that, together with additional investigation, may lead to the identification of the root causes of elevated chloroprene emissions at the facility and assist in identifying potential opportunities to further reduce short- and long-term ambient air concentrations of chloroprene. SPods are monitoring instruments that contains a meteorological station to continuously measure wind speeds and directions, and a photoionization detector (PID) to continuously measure total ambient air concentrations of volatile organic compounds (VOC). Chloroprene is a VOC. The SPods will have sampling canisters to collect air samples whenever the PID detects a total concentration of VOCs above a specified "trigger" level. To keep the public informed, ambient air concentrations of chloroprene from air samples collected through the SPod Air Monitoring Program will be posted on EPA's LaPlace website.

Status of SPod Monitoring: During the week of March 9, 2020, EPA installed seven monitoring instruments, called "SPods," in close proximity to four of EPA's six Community Air Monitoring Program sites. EPA would like to also place SPOD monitors at Acorn and Hwy 44 and the Levee.

From March 10 to March 28, the range of chloroprene concentrations from 15 canister samples has been $0.060 \mu\text{g}/\text{m}^3$ -- $1.009 \mu\text{g}/\text{m}^3$, with an average chloroprene concentration for all samples of $0.230 \mu\text{g}/\text{m}^3$. These values are in line with the recent chloroprene concentrations from the community monitoring network.


On April 17, 2020 Region 6 Enforcement Staff and Regional Counsel participated in a teleconference with LDEQ to summarize the chloroprene results to date and answer any questions. Once of the format

Ex. 5 AC/DP

Next Steps

- Finalize the SPod Monitoring Summary sheet to post to EPA website.
- Make minor edits to the Website to be consistent with the new SPod Monitoring Summary

*ATTORNEY-CLIENT COMMUNICATION/ATTORNEY WORK PRODUCT/ENFORCEMENT SENSITIVE/DO NOT RELEASE
UNDER FOIA*

 Workforce Diversity, Environmental Stewardship Character, Accountability, Respect, Excellence

[PAGE * MERGEFORMAT]